



RAW SEQUENCE LISTING **ERROR REPORT**

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Application Serial Number: 09/553,431A
Source: 1600
Date Processed by STIC: 7/22/2003

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1. EFS-Bio (<<http://www.uspto.gov/efc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202
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Revised 04/24/2003



1600

RAW SEQUENCE LISTING

DATE: 07/22/2003

PATENT APPLICATION: US/09/553,431A

TIME: 13:26:19

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Output Set: N:\CRF4\07222003\I553431A.raw

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 5 <120> TITLE OF INVENTION: Manipulation of Min Genes in Plants
 7 <130> FILE REFERENCE: 920905.90041
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/553,431A
 C--> 10 <141> CURRENT FILING DATE: 2000-04-19
 12 <150> PRIOR APPLICATION NUMBER: 60/130,403
 13 <151> PRIOR FILING DATE: 1999-04-19
 15 <160> NUMBER OF SEQ ID NOS: 6
 17 <170> SOFTWARE: PatentIn Ver. 2.1
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 978
 21 <212> TYPE: DNA
 22 <213> ORGANISM: Arabidopsis thaliana
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 25 <221> NAME/KEY: CDS
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 33 cca tca tct ctc tca caa aag act cta ata tct tca cca aga ttc gtc 96
 34 Pro Ser Ser Leu Ser Gln Lys Thr Leu Ile Ser Ser Pro Arg Phe Val
 35 20 25 30
 37 aat aac cct agc aga cgg agt cca ata cga tcc gtt ctt caa ttt aat 144
 38 Asn Asn Pro Ser Arg Arg Ser Pro Ile Arg Ser Val Leu Gln Phe Asn
 39 35 40 45
 41 cgc aaa ccg gaa ctc gcc gga gaa acg ccg cgt atc gtc gtt atc acc 192
 42 Arg Lys Pro Glu Leu Ala Gly Glu Thr Pro Arg Ile Val Val Ile Thr
 43 50 55 60
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 50 Leu Ser Leu Ala Arg Tyr Gly Phe Ser Val Val Ala Ile Asp Ala Asp
 51 85 90 95
 53 ctt ggt ctc cgt aac ctc gat ctc ctc cta ggg tta gag aat cga gtc 336
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 55 100 105 110
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 58 Asn Tyr Thr Cys Val Glu Val Ile Asn Gly Asp Cys Arg Leu Asp Gln
 59 115 120 125
 61 gct ctg gta cgt gat aag cgt tgg tcg aat ttc gaa ttg cta tgt ata 432
 62 Ala Leu Val Arg Asp Lys Arg Trp Ser Asn Phe Glu Leu Leu Cys Ile

Does Not Comply
 Corrected Diskette Needed

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71      165      170      175
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83      210      215      220
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87 225      230      235      240
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117 <213> ORGANISM: Arabidopsis thaliana
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126 Asn Asn Pro Ser Arg Arg Ser Pro Ile Arg Ser Val Leu Gln Phe Asn
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Output Set: N:\CRF4\07222003\I553431A.raw

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139      100      105      110
141 Asn Tyr Thr Cys Val Glu Val Ile Asn Gly Asp Cys Arg Leu Asp Gln
142      115      120      125
144 Ala Leu Val Arg Asp Lys Arg Trp Ser Asn Phe Glu Leu Leu Cys Ile
145      130      135      140
147 Ser Lys Pro Arg Ser Lys Leu Pro Met Gly Phe Gly Gly Lys Ala Leu
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150 Glu Trp Leu Val Asp Ala Leu Lys Thr Arg Pro Glu Gly Ser Pro Asp
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153 Phe Ile Ile Ile Asp Cys Pro Ala Gly Ile Asp Ala Gly Phe Ile Thr
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159 Thr Ala Leu Arg Asp Ala Asp Arg Val Thr Gly Leu Leu Glu Cys Asp
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163 225      230      235      240
165 Ile Lys Gly Glu Asp Met Met Ser Val Leu Asp Val Gln Glu Met Leu
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168 Gly Leu Ser Leu Leu Gly Val Ile Pro Glu Asp Ser Glu Val Ile Arg
169      260      265      270
171 Ser Thr Asn Arg Gly Phe Pro Leu Val Leu Asn Lys Pro Pro Thr Leu
172      275      280      285
174 Ala Gly Leu Ala Phe Glu Gln Ala Ala Trp Arg Leu Val Glu Gln Asp
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207 tac cca aag cca cca cca att cgc tcc gtc ctt caa tac aat cgc aaa 202
208 Tyr Pro Lys Pro Pro Ile Arg Ser Val Leu Gln Tyr Asn Arg Lys
209 40 45 50
211 cca gag ctc gcc gga gac act cca cga gtc gtc gca atc gac gcc gac 250
212 Pro Glu Leu Ala Gly Asp Thr Pro Arg Val Val Ala Ile Asp Ala Asp
213 55 60 65
215 gtt ggt cta cgt aac ctc gat ctt ctt ctc ggt ctc gaa aac cgc gtc 298
216 Val Gly Leu Arg Asn Leu Asp Leu Leu Leu Gly Leu Glu Asn Arg Val
217 70 75 80
219 aat tac acc gtc gtt gaa gtt ctc aac ggc gat tgc aga ctc gac caa 346
220 Asn Tyr Thr Val Val Glu Val Leu Asn Gly Asp Cys Arg Leu Asp Gln
221 85 90 95
223 gcc cta gtt cgt gat aaa cgc tgg tca aat ttc gaa ttg ctt tgt att 394
224 Ala Leu Val Arg Asp Lys Arg Trp Ser Asn Phe Glu Leu Leu Cys Ile
225 100 105 110 115
227 tca aaa cct agg tca aaa ttg cct tta gga ttt ggg gga aaa gct tta 442
228 Ser Lys Pro Arg Ser Lys Leu Pro Leu Gly Phe Gly Gly Lys Ala Leu
229 120 125 130
231 gtt tgg ctt gat gca tta aaa gat agg caa gaa ggt tgc ccg gat ttt 490
232 Val Trp Leu Asp Ala Leu Lys Asp Arg Gln Glu Gly Cys Pro Asp Phe
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236 Ile Leu Ile Asp Cys Pro Ala Gly Ile Asp Ala Gly Phe Ile Thr Ala
237 150 155 160
239 att aca ccg gct aac gaa gcc gta tta gtt aca aca cct gat att act 586
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241 165 170 175
243 gca ttg aga gat gca gat aga gtt aca ggc ttg ctt gaa tgt gat gga 634
244 Ala Leu Arg Asp Ala Asp Arg Val Thr Gly Leu Leu Glu Cys Asp Gly
245 180 185 190 195
247 att agg gat att aaa atg att gtg aac aga gtt aga act gat ttg ata 682
248 Ile Arg Asp Ile Lys Met Ile Val Asn Arg Val Arg Thr Asp Leu Ile
249 200 205 210
251 agg ggt gaa gat atg atg tca gtt ctt gat gtt caa gag atg ttg gga 730
252 Arg Gly Glu Asp Met Met Ser Val Leu Asp Val Gln Glu Met Leu Gly
253 215 220 225
255 ttg tca ttg ttg agt gat acc cga gga ttc gaa gtg att cgg agt acg 778
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257 230 235 240
259 aat aga ggg ttt ccg ctt gtg ttg aac aag cct ccg act tta gca gga 826
260 Asn Arg Gly Phe Pro Leu Val Leu Asn Lys Pro Pro Thr Leu Ala Gly
261 245 250 255
263 ttg gca ttt gag cag gct gct tgg aga ttg gtt gag caa gat agc atg 874
264 Leu Ala Phe Glu Gln Ala Ala Trp Arg Leu Val Glu Gln Asp Ser Met
265 260 265 270 275
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Output Set: N:\CRF4\07222003\I553431A.raw

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272 Phe Phe Gly Gly
273                               295
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277 atgtgtacag taagctgata aggattgttt taattcagtt ttcagagaga aaattagaat 1094
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294                               20                               25                               30
296 Pro Lys Pro Tyr Pro Lys Pro Pro Pro Ile Arg Ser Val Leu Gln Tyr
297                               35                               40                               45
299 Asn Arg Lys Pro Glu Leu Ala Gly Asp Thr Pro Arg Val Val Ala Ile
300                               50                               55                               60
302 Asp Ala Asp Val Gly Leu Arg Asn Leu Asp Leu Leu Gly Leu Glu
303   65                               70                               75                               80
305 Asn Arg Val Asn Tyr Thr Val Val Glu Val Leu Asn Gly Asp Cys Arg
306                               85                               90                               95
308 Leu Asp Gln Ala Leu Val Arg Asp Lys Arg Trp Ser Asn Phe Glu Leu
309                               100                              105                              110
311 Leu Cys Ile Ser Lys Pro Arg Ser Lys Leu Pro Leu Gly Phe Gly Gly
312                               115                              120                              125
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324                               180                              185                              190
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09/553,431A 6

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<213> ORGANISM: Artificial Sequence

<220> FEATURE:

<223> OTHER INFORMATION: :

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see p. 7 for error explanation

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/553,431A

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Input Set : A:\Un900411.app
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Use of <220> Feature(NEW RULES):

Sequence(s) __ are missing the <220> Feature and associated headings.

Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32) (Sec.1.823 of new Rules)

Seq#:5

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/553,431A

DATE: 07/22/2003

TIME: 13:26:20

Input Set : A:\Un900411.app

Output Set: N:\CRF4\07222003\I553431A.raw

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L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:354 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:5, <213>
ORGANISM:Artificial Sequence
L:354 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:5, <213>
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L:354 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:354